

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ling CHEN, et al

**COPY OF PAPERS
ORIGINALLY FILED**

Assignee: APPLIED MATERIALS, INC.

Title: GAS DELIVERY APPARATUS AND METHOD FOR ATOMIC LAYER DEPOSITION

Serial No.: 10/032,284

Confirmation Number: 4034

Filed: 12/21/2001

Group Art Unit: 1734

Attorney Docket No.: 005192/02 CPI/COPPER

Examiner: Unknown

Santa Clara, California

May 6, 2002

Box Missing Parts
COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
Attention: Manager
Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on March 15, 2002, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by the inventor(s) in compliance with 37 CFR 1.63 (30 pages);
2. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

1. Filing Fee - Original Patent Application (37 CFR 1.16(a))	\$ 740
2. Fees for claims	
<input checked="" type="checkbox"/> each independent claim in excess of 3 (37 CFR 1.16(f))	\$ 588
<input checked="" type="checkbox"/> each claim in excess of 20 (37 CFR 1.16(c))	\$1530
<input type="checkbox"/> each multiple dependent claim (37 CFR 1.16(d))	
<input type="checkbox"/> Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e))	\$ 130
Total Completion Fees	<u>\$2988</u>

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Extension (Months)	Fee for other than Small Entity
<input type="checkbox"/> One Month	\$ 110.00
<input type="checkbox"/> Two Months	\$ 400.00
<input type="checkbox"/> Three Months	\$ 920.00
<input type="checkbox"/> Four Months	\$1,440.00

If an additional extension of time is required please consider this a petition therefor.

4. The Commissioner is hereby authorized to charge \$2988 and any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of 12/21/2001. Please telephone the undersigned at (408) 563-2726 if there are any questions regarding this matter.

Respectfully submitted,

Robert W. Mulcahy
Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 5/6/02.

Signature: Maureen Walstra
Maureen Walstra



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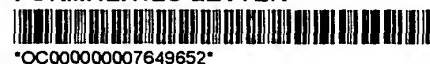
APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/032,284	12/21/2001	Ling Chen	AMAT/6222/CPI/COPPER/PJS

CONFIRMATION NO. 4034

FORMALITIES LETTER

Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450A
Santa Clara, CA 95052

REC'D MAR 22 2002



OC000000007649652

Date Mailed: 03/15/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

05/15/2002 TGEDAMU1 00000077 501074 10032284

FILED UNDER 37 CFR 1.53(b)

01 FC:101 740.00 CH
02 FC:102 588.00 CH
03 FC:103 1530.00 CH
04 FC:105 130.00 CH

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$2118.
 - \$1530 for 85 total claims over 20.
 - \$588 for 7 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 2988.

*A copy of this notice **MUST** be returned with the reply.*

D. W. W. W.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE